

D8
a DLCI directed to Customer Site B may be sent from Customer Site A. In such a case, frames 1503 would be sent through VPN #1 via switching nodes 1501, 1502, and frames 1504 would be received at Customer Site B.--

IN THE CLAIMS

Please amend the claims as follows:

D9
10. (Amended) The method of claim 2 wherein the user data includes an Internet protocol (IP) packet.

D10
25. (Amended) The method of claim 24 wherein the service categories are determined using Internet protocol (IP) data within a data field of a packet passed by the asynchronous transfer mode switch.

~~D11
27. (Amended) In a fast packet network, a method comprising the steps of:
receiving a fast packet;
comparing an address of the fast packet with a layer 3 Internet protocol (IP) address contained within the fast packet; and
determining whether the address is consistent with the layer 3 internet protocol address;
wherein the step of determining includes examination of a sending address or a destination address.~~

D12
34. (Amended) The network of claim 32 wherein the translation circuitry is responsive to Internet protocol (IP) data within the frame relay data packets.

35. (Amended) The network of claim 34 wherein the translation circuitry is responsive to layer 3 Internet protocol (IP) data.

D13
41. (Amended) The asynchronous transfer mode switch of claim 38 wherein the

translation circuitry determines the different service categories using layer 3 Internet protocol (IP) data.

42. (Amended) The asynchronous transfer mode switch of claim 38 wherein the translation circuitry determines the different service categories using layer 4 Internet protocol (IP) data.

Sub pg 5
~~43. (Amended) An asynchronous transfer mode switch comprising translation circuitry for translating a plurality of frame relay packets into asynchronous transfer mode cells having an address responsive to layer 3 Internet protocol (IP) data contained within a user data field of the frame relay packets.~~

D12
~~44. (Amended) An asynchronous transfer mode switch comprising translation circuitry for translating a plurality of frame relay packets into asynchronous transfer mode cells having an address responsive to layer 4 Internet protocol (IP) data contained within a user data field of the frame relay packets.~~

D12
45. (Amended) A fast packet network having a node, said node including error checking circuitry for determining routing errors by comparing an address of a fast packet with layer 3 Internet protocol (IP) data contained within the fast packet.

D12
Sub pg 1
~~51. (Amended) A method comprising the steps of:~~
~~receiving a plurality of frame relay frames at an asynchronous transfer mode switch in a mesh network; and~~
~~transmitting at least a portion of the frames over one of a plurality of virtual networks responsive to Internet protocol (IP) information contained in at least one of the frame relay frames.~~